

PRODUCT GUIDE

MSZ-GL SINGLE-ZONE HEAT PUMP

The latest generation of wall-mounted M-Series models is here. Introducing the GL line, the successor to the popular GE models. These models provide enhanced, industry-leading performance for the single-zone ductless product category.



FEATURES INCLUDE:

- Washable long life filters
 - » Nano Platinum filter with deodorizing and anti-bacterial properties.
 - » Anti-allergy Enzyme filter traps dust and reduces germs, bacteria and viruses (except GL24).
- Auto restart and auto cooling/heating changeover.
- Air distribution
 - » Vertical air swing (all units).
 - » Horizontal swing (GL18, GL24 only).
 - » Wide airflow (GL24 only).
- Control functions
 - » Wireless hand-held controller.
 - » 24-hour timer.
 - » Smart Set feature recalls the preset temperature by pressing single button on remote controller (GL06 – GL18 only).
 - » M-Net interface.
- Multiple fan speeds: 5 speeds (GL06 – GL18), 4 speeds (GL24 only).

WHAT'S NEW:

- All models ENERGY STAR qualified.
- Quieter than previous GE models.
- Blue Fin anti-corrosion coating on outdoor unit for increased coil protection and longer life.
- New chassis for GL18 (35-5/16" x 12" x 9-3/16").
- New logo treatment on indoor unit.
- Compatible with kumo cloud™ control app and Thermostat Interface.

COMPATABILITY:

MSY/Z-GL and MUY/Z-GL models are not compatible with MSY/Z-GE and MUY/Z-GE models.
MSY/Z-GL and MSY/Z-GE indoor units are compatible with MXZ-C outdoor units.

SINGLE-ZONE | MSY System

Cooling Only



| Model Name | Indoor Unit | | MSY-GL09NA-U1 | MSY-GL12NA-U1 | MSY-GL15NA-U1 | MSY-GL18NA-U1 | MSY-GL24NA-U1 | |
|---------------------------|--|---|---|----------------|----------------|--------------------------------|---------------------|---------------------|
| | Outdoor Unit | | MUY-GL09NA-U1 | MUY-GL12NA-U1 | MUY-GL15NA-U1 | MUY-GL18NA-U1 | MUY-GL24NA-U1 | |
| Cooling *1 | Rated Capacity | Btu/h | 9,000 | 12,000 | 14,000 | 18,000 | 22,500 | |
| | Capacity Range | Btu/h | 3,800 - 12,200 | 3,800 - 13,600 | 1,500 - 13,600 | 5,800-22,000 | 8,200-31,400 | |
| | Rated Total Input | W | 585 | 920 | 1,080 | 1,340 | 1800 | |
| | Energy Efficiency | SEER | 24.6 | 23.1 | 21.6 | 20.5 | 20.5 | |
| | Moisture Removal | Pints/h | 1.5 | 2.5 | 2.7 | 2.1 | 5.1 | |
| | Sensible Heat Factor | | 0.820 | 0.740 | 0.800 | 0.870 | 0.750 | |
| Power Supply | Phase, Cycle, Voltage | | 1 Phase, 60Hz, 208/230V *2 | | | | | |
| Voltage | Indoor - Outdoor S1 - S2 | | AC 208 / 230V | | | | | |
| | Indoor - Outdoor S2 - S3 | | DC ±24V | | | | | |
| | Indoor - Remote Controller | | Wireless Type (Optional Wired Controller: DC 12V) | | | | | |
| Indoor Unit | MCA | A | 1.0 | | | | | |
| | Blower Motor (ECM) | F.L.A. | 0.76 | | | 0.67 | 0.76 | |
| | Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi)*1 | DRY (CFM) | 145-170-237-321-399 | | | 205-272-335-420-533 | 258-332-417-522-646 | 388-469-544-628-738 |
| | | WET (CFM) | 109-134-201-286-364 | | | 170-237-300-385-498 | 232-299-375-470-581 | 347-420-487-562-661 |
| | Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi)*1 | dB(A) | 19-22-30-37-43 | 19-22-30-37-45 | 26-32-38-44-49 | 28-33-38-44-49 | 34-41-45-49-53 | |
| | External Finish Color | | Munsell 1.0Y 9.2 / 0.2 | | | | | |
| | Dimension Unit | W: In. | 31-7/16 | | | 36-5/16 | 43-5/16 | |
| | | D: In. | 9-1/8 | | | 9-13/16 | 9-3/8 | |
| | | H: In. | 11-5/8 | | | 12 | 12-13/16 | |
| | Weight Unit | Lbs. | 22 | | | 28 | 37 | |
| Field Drainpipe Size O.D. | In. | 5/8 | | | | | | |
| Remote Controller | Type | Select from PAC-WHS01WF-E for kumo cloud™, PAC-US444CN-1, MHK1, PAR-31MAA, or PAC-YT53CRAU Remote Controllers | | | | | | |
| Outdoor Unit | MCA | A | 7 | | 9 | 14 | 17.1 | |
| | MOCP | A | 15 | | | | 20 | |
| | Fan Motor (ECM) | F.L.A. | 0.50 | | | 0.93 | | |
| | Compressor | Model (Type) | DC INVERTER-driven | | | DC INVERTER-driven Twin Rotary | | |
| | | R.L.A. | 4.9 | | 6.8 | 10.0 | 12.9 | |
| | | L.R.A. | 6.1 | | 8.5 | 12.5 | 16.1 | |
| | Airflow (Cooling) | CFM | 1,229/1,172 | | 1,243/1,229 | 1,691/1,691 | 1,769/1,701 | |
| | Refrigerant Control | | Linear Expansion Valve | | | | | |
| | Sound Pressure Level at Cooling *1 | dB(A) | 48 | 49 | | 54 | 55 | |
| | External Finish Color | | Munsell No. 3Y 7.8 / 1.1 | | | | | |
| | Dimensions | W: In. | 31-1/2 | | | 33-1/16 | | |
| | | D: In. | 11-1/4 | | | 13 | | |
| | | H: In. | 21-5/8 | | | 34-5/8 | | |
| Weight | Lbs. | 81 | | | 121 | 119 | | |
| Refrigerant | Type | R410A | | | | | | |
| | Charge | Lbs., Oz. | 2, 9 | | | 3, 7 | 4, 3 | |
| | Oil | Type (fl. oz.) | FV50S (0.27) | FV50S (0.35) | | FV50S (0.40) | | |
| Refrigerant Pipe | Gas Side O.D. | In. | 3/8 | | 1/2 | | 5/8 | |
| | Liquid Side O.D. | In. | 1/4 | | | 3/8 | | |
| Refrigerant Pipe Length | Height Difference (Max.) | Ft.. | 40 | | | 50 | | |
| | Length (Max.) | Ft.. | 65 | | | 100 | | |
| Connection Method | Indoor/Outdoor | Flared/Flared | | | | | | |

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling) - Indoor D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

SINGLE-ZONE | MSZ System | Heat Pump



| Model Name | Indoor Unit | | MSZ-GL09NA-U1 | MSZ-GL12NA-U1 | MSZ-GL15NA-U1 | MSZ-GL18NA-U1 | MSZ-GL24NA-U1 |
|---------------------------|---|---|--|----------------|---------------------|---------------------|---------------------|
| | Outdoor Unit | | MUZ-GL09NA-U8 | MUZ-GL12NA-U1 | MUZ-GL15NA-U1 | MUZ-GL18NA-U1 | MUZ-GL24NA-U1 |
| Cooling *1 | Rated Capacity | Btu/h | 9,000 | 12,000 | 14,000 | 18,000 | 22,400 |
| | Capacity Range | Btu/h | 3,600 - 12,200 | 1,500 - 13,600 | 3,100 - 18,200 | 5,800 - 22,000 | 8,200 - 31,400 |
| | Rated Total Input | W | 585 | 920 | 1,080 | 1,340 | 1,800 |
| | Energy Efficiency | SEER | 24.6 | 23.1 | 21.6 | 20.5 | 20.5 |
| | Moisture Removal | Pints/h | 1.5 | 2.5 | 2.7 | 2.1 | 5.1 |
| Heating at 47° F *2 | Sensible Heat Factor | | 0.820 | 0.740 | 0.800 | 0.870 | 0.750 |
| | Rated Capacity | Btu/h | 10,900 | 14,400 | 18,000 | 21,600 | 27,600 |
| | Capacity Range | Btu/h | 4,500 - 14,100 | 5,500 - 18,100 | 4,800 - 20,900 | 5,400 - 25,000 | 7,500 - 36,900 |
| | Rated Total Input | W | 720 | 1,100 | 1,600 | 1,680 | 2,340 |
| | HSPF (IV) | Btu/h/W | 12.8 | 12.5 | 11.7 | 11.2 | 10.0 |
| Heating at 17° F *3 | Rated Capacity | Btu/h | 7,000 | 12,000 | 16,400 | 18,200 | 24,600 |
| | Rated Total Input | W | 620 | 9,200 | 12,200 | 13,800 | 16,000 |
| | Maximum Capacity | Btu/h | 9,400 | 1,240 | 1,850 | 2,150 | 3,290 |
| Heating at 5° F | Maximum Capacity | Btu/h | 7,600 | 9,700 | 13,700 | 14,500 | 21,160 |
| Power Supply | Phase, Cycle, Voltage | | 1 Phase, 60Hz, 208/230V *4 | | | | |
| Voltage | Indoor - Outdoor S1 - S2 | | AC 208 / 230V | | | | |
| | Indoor - Outdoor S2 - S3 | | DC ±24V | | | | |
| | Indoor - Remote Controller | | Wireless Type (Optional Wired Controller: DC12V) | | | | |
| Indoor Unit | MCA | A | 1.0 | | | | |
| | Blower Motor (ECM) | F.L.A. | 0.76 | | 0.67 | 0.76 | |
| | Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1 | DRY (CFM) | 145-170-237-321-399 | | 205-272-335-420-533 | 259-333-416-523-646 | 388-469-544-628-738 |
| | | WET (CFM) | 109-134-201-286-364 | | 170-237-300-385-498 | 233-300-375-470-581 | 347-420-487-562-661 |
| | Airflow at Heating (Quiet-Lo-Med-Hi-Super Hi) *2 | DRY (CFM) | 145-170-237-321-406 | | 205-247-304-367-463 | 296-384-469-563-646 | 388-469-544-628-738 |
| | External Static Pressure | In. WG | | | | | |
| | Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1 | dB(A) | 19-22-30-37-43 | 19-22-30-37-45 | 26-32-38-44-49 | 28-33-38-44-49 | 34-41-45-49-53 |
| | Sound Pressure Level at Heating (Quiet-Lo-Med-Hi-Super Hi) *2 | dB(A) | 19-22-30-37-43 | 19-22-30-37-43 | 26-30-35-40-46 | 28-33-38-43-48 | 32-41-45-49-52 |
| | External Finish Color | Munsell 1.0Y 9.2 / 0.2 | | | | | |
| | Dimension Unit | W: In. | 31-7/16 | | | 36-5/16 | 43-5/16 |
| | | D: In. | 9-1/8 | | | 9-13/16 | 9-3/8 |
| | | H: In. | 11-5/8 | | | 12 | 12-13/16 |
| | Weight Unit | Lbs. | 22 | | | 28 | 37 |
| Field Drainpipe Size O.D. | In. | 5/8 | | | | | |
| Remote Controller | Type | Select from PAC-WHS01WF-E for kumo cloud™, PAC-US444CN-1, MHK1, PAR-31MAA, or PAC-YT53CRAU Remote Controllers | | | | | |
| Outdoor Unit | MCA | A | 9 | 10 | 14 | 17.1 | |
| | MOCP | A | 15 | | | 20 | |
| | Fan Motor (ECM) | F.L.A. | 0.5 | | 0.93 | | |
| | Compressor | Model (Type) | DC INVERTER-driven Twin Rotary | | | | |
| | | R.L.A. | 6.2 | 6.6 | 7.4 | 10.0 | 12.9 |
| | | L.R.A. | 7.7 | 8.2 | 9.3 | 12.5 | 16.1 |
| | Airflow (Cooling/Heating) | CFM | 1,229/1,172 | 1,229 / 1,172 | 1,243 / 1,229 | 1,691 / 1,691 | 1,769 / 1,701 |
| | Refrigerant Control | Linear Expansion Valve | | | | | |
| | Defrost Method | Reverse Cycle | | | | | |
| | Sound Pressure Level at Cooling *1 | dB(A) | 48 | 49 | 54 | 55 | |
| | Sound Pressure Level at Heating *2 | dB(A) | 50 | 51 | 55 | | |
| | External Finish Color | Munsell No. 3Y 7.8 / 1.1 | | | | | |
| | Dimensions | W: In. | 31-1/2 | | | 33-1/16 | |
| D: In. | | 11-1/4 | | | 13 | | |
| H: In. | | 21-5/8 | | | 34-5/8 | | |
| Weight | Lbs. | 81 | | | 121 | 119 | |
| Refrigerant | Type | R410A | | | | | |
| | Charge | Lbs., Oz. | 2, 9 | | 3, 7 | 4, 3 | |
| | Oil | Type (fl. oz.) | FV50S (0.35) | | | FV50S (0.40) | |
| Refrigerant Pipe | Gas Side O.D. | In. | 3/8 | | 1/2 | 5/8 | |
| | Liquid Side O.D. | In. | 1/4 | | | 3/8 | |
| Refrigerant Pipe Length | Height Difference (Max.) | Ft. | 40 | | | 50 | |
| | Length (Max.) | Ft. | 65 | | | 100 | |
| Connection Method | Indoor/Outdoor | Flared/Flared | | | | | |

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

MULTI-ZONE | MSZ Indoor Units | Heat Pump

(FOR MXZ-C OUTDOOR UNITS)



| Model Name | Indoor Unit | | MSZ-GL06NA-U1 | MSZ-GL09NA-U1 | MSZ-GL12NA-U1 | MSZ-GL15NA-U1 | MSZ-GL18NA-U1 | MSZ-GL24NA-U1 |
|---|--|---|------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Cooling *1 | Rated Capacity | Btu/h | 6,000 | 9,000 | 12,000 | 14,000 | 17,200 | 22,400 |
| Heating at 47° F *2 | Rated Capacity | Btu/h | 7,200 | 10,900 | 14,400 | 18,000 | 21,600 | 27,600 |
| Power Supply | Phase, Cycle, Voltage | | 1-phase, 60Hz, 208 / 230V *3 | | | | | |
| Voltage | Indoor - Outdoor S1 - S2 | | AC 208 / 230V | | | | | |
| | Indoor - Outdoor S2 - S3 | | DC ±24V | | | | | |
| | MCA | A | 1.0 | | | | | |
| Fan | Blower Motor | F.L.A. | 0.76 | | | 0.67 | 0.76 | |
| | Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1 | DRY (CFM) | 145-170-237-321-399 | 145-170-237-321-399 | | 205-272-335-420-533 | 259-333-416-523-646 | 388-469-544-628-738 |
| | | WET (CFM) | 109-134-201-286-364 | 109-134-201-286-364 | | 170-237-300-385-498 | 233-300-375-470-581 | 347-420-487-562-661 |
| Airflow at Heating (Quiet-Lo-Med-Hi-Super Hi) *2 | DRY (CFM) | 145-170-237-321-406 | 145-170-237-321-406 | | 205-247-304-367-463 | 296-384-469-563-646 | 388-469-544-628-738 | |
| Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1 | dB(A) | 19-22-30-37-43 | 19-22-30-37-45 | | 26-32-38-44-49 | 28-33-38-44-49 | 34-41-45-49-53 | |
| Sound Pressure Level at Heating (Quiet-Lo-Med-Hi-Super Hi) *2 | dB(A) | 19-22-30-37-43 | 19-22-30-37-43 | | 26-30-35-40-46 | 28-33-38-43-48 | 32-41-45-49-52 | |
| External Finish Color | | Munsell 1.0Y 9.2 / 0.2 | | | | | | |
| Dimension Unit | W: In. | 31-7/16 | | | | 36-5/16 | 43-5/16 | |
| | D: In. | 9-1/8 | | | | 9-13/16 | 9-3/8 | |
| | H: In. | 11-5/8 | | | | 12 | 12-13/16 | |
| Weight Unit | Lbs. | 22 | | | | 28 | 37 | |
| Field Drainpipe Size O.D. | In. | 5/8 | | | | | | |
| Remote Controller | Type | Select from PAC-WHS01WF-E for kumo cloud™, PAC-US444CN-1, MHK1, PAR-31MAA, or PAC-YT53CRAU Remote Controllers | | | | | | |
| Refrigerant | Type | R410A | | | | | | |
| Refrigerant Pipe | Gas Side O.D. | In. | 3/8 | | | 1/2 | 5/8 | |
| | Liquid Side O.D. | In. | 1/4 | | | | 3/8 | |
| Connection Method | Indoor/Outdoor | Flared/Flared | | | | | | |

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Indoor units receive power from outdoor units through field-supplied wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

For data on specific indoor unit combinations, visit www.mitsubishipro.com/multizone.



MAKE COMFORT *Personal*™

For more information visit
www.mitsubishipro.com



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